

Marsh Sill On-Site Evaluation Questionnaire

Name _____

Agency _____ Date _____

Permit Number _____

Location _____

Navigation, Rock, and Fill

1	Based upon the placement of the structure and your observations, has navigation of the adjacent waterbody been impacted by this structure?	Yes	No	Not Sure	
2	Do you think the overall benefit of the marsh created, outweigh the initial impacts/changes due to the placement of rock on shallow water habitats?	Yes	No	Not Sure	
3	If no, how could the project have been modified to alleviate the concerns or issues surrounding the rock's initial impacts/changes?				
4	Does the overall benefit of the marsh created outweigh the initial impacts/changes from the fill used to create proper grade and depths?	Yes	No	Not Sure	N/A
5	If no, how could the project have been modified to alleviate the concerns or issues surrounding the fill's initial impacts/changes?				
6	Is the grade behind the sill still gently sloping	Yes	No	Not Sure	
7	Are there any issues associated with the rock that you can observe today that concern you?				
8	Please provide any additional comments or concerns regarding Navigation or Fill on this site.				

Erosion Control and Impacts

9	Is there evidence of erosion on this property?	Yes	No	Not Sure
10	If yes, describe the evidence, extent, and location?			
11	Is erosion occurring on the adjacent properties?	Yes	No	Not Sure
12	If yes, describe the extent and location.			
13	Is there a distinct shoreline offset between this property and the adjacent properties?	Yes	No	Not Sure
14	Has the sill created new uplands (land above the high water mark) behind it?	Yes	No	Not Sure
15	Was the placement of the sill (relative to the existing shoreline margin) appropriate?	Yes	No	Not Sure
16	If you answered "No", please check the appropriate box.	<input type="checkbox"/> Too far offshore. <input type="checkbox"/> Too close to shore. <input type="checkbox"/> Other: <hr/>		
17	Are other non-erosional impacts (positive and negative) observable on this property due to the installation of the sill?	Yes	No	Not Sure
18	If yes, please describe them.			
19	Are other non-erosional impacts (positive and negative) observable on the adjacent properties due to the installation of the sill?	Yes	No	Not Sure
20	If yes, please describe them.			
21	Is the structure damaged in any way?	Yes	No	Not Sure
22	If yes, please describe the damage.			
23	Please provide any additional comments or concerns regarding Erosion Control and Impacts on this site.			

Wetlands, Habitats, and Tidal Flow

24	Are both high and low marsh plant species present?	Yes	No	Not Sure	
25	Does the marsh behind the sill appear continuous and dense, or sparse and patchy?	Dense	Patchy	Other (please explain)	No marsh behind sill
26	Has there been any noticeable sediment accumulation landward of the sill?	Yes	No	Not Sure	
27	Are upland species colonizing the area behind the sill?	Yes	No	Not Sure	
28	Is there evidence that the upper marsh area is mowed?	Yes	No	Not Sure	
29	Has the marsh grown waterward completely against the sill?	Yes	No	Not Sure	
30	Is SAV present landward or waterward of the sill? (Circle all that apply)	Landward	Waterward	Neither	Not Sure
31	Are oysters present on or around the sill?	Yes	No	Not Sure	
32	Is macroalgae present on or around the sill?	Yes	No	Not Sure	
33	If yes, is this problematic or concerning? Please explain.				
34	Is there evidence of water passage through the sill and the ability for fish ingress and egress?	Yes	No	Not Sure	
35	If yes, how can you tell?				
36	If no, why not and is it a concern?				
37	Is there a noticeable wrack line landward of the sill?	Yes	No	Not Sure	
38	Is there noticeable trash in and around the sill area?	Yes	No		
39	Are there any noticeable issues with the water quality (turbidity, erosion, stormwater runoff)?	Yes	No	Not Sure	
40	If so, what are they?				
41	Please provide any additional comments or concerns regarding Wetlands, Habitats, and Tidal Flow on this site.				

Other

42	For this question, please refer back to the original permit packet. Were the comments/concerns your agency made during the permit process substantiated during and/or after construction? Please explain and/or respond to each comment/concern that was made by your agency for this permit.			
43	Do you think this sill is functioning as intended?	Yes	No	Not Sure
44	Do you think a different structure would have performed/functioned better in this location?	Yes	No	Not Sure
45	If so, which one (bulkhead, riprap revetment, marsh toe protection riprap, groin, planting only, sheetpile sill, or no structure at all) and WHY?			
46	Overall, do you think the wetland creation portion of the project has been successful?	Yes	No	Not Sure
47	Do you think this structure will continue to function into the future given expected sea level rise?	Yes	No	Not Sure
48	Please provide any additional concerns and/or comments in regards to this site location.			